DFG Copy Working Copy

TYPE OR PRINT IN BLACK INK (For instructions, see booklet: "How to File an Application to Appropriate Water in California")

APPLICATION NO. 31545 (leave blank)

California Environmental Protection Agency

State Water Resources Control Board
Division of Water Rights
P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 Fax: (916) 341-5400
www.waterrights.ca.gov

STATE WATER RESOURCES CONTROL BOARD

2004 SEP 14 PM 1:43

DIVISION OF WATER RIGHTS SACRAMENTO

APPLICATION TO APPROPRIATE WATER

SECTION A: NOTICE INFORMATION

2004 SEP 13 AM 10:4

1. APPLICANT/AGENT

	APPLICANT	ASSIGNED AGENT (if any)
Name	Wagner Family Trust	Stan W. Strew
		Agent
Mailing Address	P.O. Box 1301	P.O Box 1301
City, State & Zip	Groveland, CA 95321	Groveland, CA 95321
Telephone	209/962 - 4069	209-962-4069
Fax	209/962 - 4808	209-962-4808
E-mail	-	

2. OWNERSHIP INFORMATION (Please check type of ownership.)

☐ Sole Owner
☐ Limited Liability Company (LLC)
☐ General Partnership*
☐ Limited Partnership*
☐ Business Trust
☐ Husband/Wife Co-Ownership
☐ Corporation
☐ Joint Venture
☒ Other Family Trust

*Please provide a copy of your partnership agreement.

3. PROJECT DESCRIPTION (Provide a detailed description of your project, including, but not limited to, type of construction activity, area to be graded or excavated, and how the water will be used.)

Requesting water rights to an existing reservoir used for stock watering, recreation for the past 20+years
No grading -excavation or construction will be performed

☐ *For continuation, see Attachment No.* ___

4. PURPOSE OF USE, DIVERSION/STORAGE AMOUNT AND SEASON

a. PURPOSE OF USE (irrigation, domestic, etc.)	DIRECT DIVERSION				STORAGE		
	AMOUNT		SEASON OF DIVERSION		AMOUNT	SEASON OF COLLECTION	
	Rate (cfs or gpd)*	Acre-feet per annum	Beginning date (month & day)	Ending date (month & day)	Acre-feet per annum	Beginning date (month & day)	Ending date (month & day)
Stock Watering					47.6	11/1	6/14
Recreation							
Total afa =			Total afa =		47.6		

☐ *See Attachment No.* ___

* If rate is less than 0.025 cubic feet per second (cfs), use gallons per day (gpd).

b. Total combined amount taken by direct diversion and storage during any one year will be 47.6 acre-feet.

c. Reservoir storage is: ☒ onstream ☐ offstream ☐ underground (If underground storage, attach Form APP-UGSTOR.)

d. County in which diversion is located: Tuolumne County in which water will be used: Tuolumne

5. SOURCES AND POINTS OF DIVERSION/REDIVERSION

a. Sources and Points of Diversion (POD)/Points of Rediversion (PORD):

☒ POD / ☐ PORD #___: Big Humbug Creek tributary to Tuolumne River
thence San Joaquin River

☐ POD / ☐ PORD #___: _____ tributary to _____
thence _____

☐ POD / ☐ PORD #___: _____ tributary to _____
thence _____

☐ POD / ☐ PORD #___: _____ tributary to _____
thence _____

☐ *See Attachment No.* ___

9-30-04
$ 1000.00
$ 850.00

b. State Planar and Public Land Survey Coordinate Description:

POD/ PORD #	CALIFORNIA COORDINATES (NAD 27)	ZONE	POINT IS WITHIN (40-acre subdivision)	SECTION	TOWN -SHIP	RANGE	BASE AND MERIDIAN
1	N 503,600 feet E 2,088,200 feet	3	NW ¼ of SW ¼	2	T1S	16E	M
			¼ of ¼				
			¼ of ¼				
			¼ of ¼				

☐ *See Attachment No.* ___

c. Name of the post office most often used by those living near the proposed point(s) of diversion:
GROVELAND CA 95321

6. WATER AVAILABILITY

a. Have you attached a water availability analysis for this project? ☐ YES ☒ NO
If NO, provide sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation:

☐ *See Attachment No.* ___

b. Is your project located on a stream system declared to be fully appropriated by the State Water Resources Control Board during your proposed season of diversion? ☒ YES ☐ NO 6/15-10/31

c. In an average year, does the stream dry up at any point downstream of your project? ☒ YES ☐ NO If YES, during which months? ☐ Jan ☐ Feb ☐ Mar ☒ Apr ☒ May ☒ Jun ☒ Jul ☒ Aug ☒ Sep ☒ Oct ☐ Nov ☐ Dec

d. What alternate sources of water are available if a portion of your requested diversion season must be excluded because water is not available for appropriation? (e.g., percolating groundwater, purchased water, etc.)
WELL

☐ *See Attachment No.* ___

7. PLACE OF USE

a.

USE IS WITHIN (40-acre subdivision)	SECTION*	TOWNSHIP	RANGE	BASE & MERIDIAN	IF IRRIGATED	
					Acres	Presently cultivated?
NW ¼ of SW ¼	2	T1S	16E	MD	at reservoir site	☐ YES ☒ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
¼ of ¼						☐ YES ☐ NO
				Total:		

*Please indicate if section is projected with a "(P)" following the section number.

☐ *See Attachment No.* ___

b. Please provide the Assessor's Parcel Number(s) for the place of use: 066-010-3100

8. PROJECT SCHEDULE

a. Project is:
☐ proposed. Year construction will begin: ___
☐ partially complete. Extent of completion: ___
☒ complete. Year completed: 1970's

b. Year of first use: 1990 Year water will be used to the full extent intended: 1990

SECTION B: MISCELLANEOUS DIVERSION INFORMATION

1. JUSTIFICATION OF AMOUNTS REQUESTED

a. ☐ IRRIGATION: Maximum area to be irrigated in any one year: _____ acres.

CROP	ACRES	METHOD OF IRRIGATION (sprinklers, flooding, etc.)	WATER USE (Acre-feet/Yr.)	SEASON OF WATER USE	
				Beginning date (month & day)	Ending date (month & day)

☐ *See Attachment No.* ___

b. ☐ DOMESTIC: Number of residences to be served: _____ Separately owned? ☐ YES ☐ NO
Number of people to be served: _____ Estimated daily use per person is: _____ gallons per day
Area of domestic lawns and gardens: _____ square feet
Incidental domestic uses: _____
(dust control area, number and kind of domestic animals, etc.)

c. ☒ STOCKWATERING: Kind of stock: Ranch Cattle Maximum number: 100
Describe type of operation: Cow/Calf range
(feedlot, dairy, range, etc.)

d. ☐ RECREATIONAL: Type of recreation: ☒ Fishing ☐ Swimming ☐ Boating ☐ Other _____

e. ☐ MUNICIPAL:

POPULATION List for 5-year periods until use is completed		MAXIMUM MONTH		ANNUAL USE		
Period	Population	Average daily use (gallons per capita)	Rate of diversion (cfs)	Average daily use (gallons per capita)	Acre-foot (per capita)	Total (acre-feet)
Present						

☐ *See Attachment No.* ___

Month of maximum use during year: _____ Month of minimum use during year: _____

f. ☐ HEAT CONTROL: Area to be heat controlled: _____ net acres
Type of crops protected: _____
Rate at which water is applied to use: _____ gpm per acre
Heat protection season will begin _____ (month & day) and end _____ (month & day).

g. ☐ FROST PROTECTION: Area to be frost protected: _____ net acres
Type of crops protected: _____
Rate at which water is applied to use: _____ gpm per acre
The frost protection season will begin _____ (month & day) and end _____ (month & day).

h. ☐ INDUSTRIAL: Type of industry: _____
Basis for determination of amount of water needed: _____

i. ☐ MINING: Name of the claim: _____ ☐ Patented ☐ Unpatented
Nature of the mine: _____ Mineral(s) to be mined: _____
Type of milling or processing: _____
After use, the water will be discharged into _____ (watercourse)
in _____ ¼ of _____ ¼ of Section _____, T _____, R _____, _____B. & M.

j. ☐ POWER: Total head to be utilized: _____ feet
Maximum flow through the penstock: _____ cfs
Maximum theoretical horsepower capable of being generated by the works (cfs x fall ÷ 8.8): _____
Electrical capacity (hp x 0.746 x efficiency): _____ kilowatts at: _____% efficiency
After use, the water will be discharged into _____ (watercourse)
in _____ ¼ of _____ ¼ of Section _____, T _____, R _____, _____B. & M. FERC No.: _____

k. ☒ FISH AND WILDLIFE PRESERVATION AND/OR ENHANCEMENT: List specific species and habitat type that will be preserved or enhanced in Item 7a of Section C.
Wildlife habitat will jot be affected

l. ☐ OTHER: Describe use: _____
Basis for determination of amount of water needed: _____

2. DIVERSION AND DISTRIBUTION METHOD

a. Diversion will be by gravity by means of: DAM
(dam, pipe in unobstructed channel, pipe through dam, siphon, weir, gate, etc.)

b. Diversion will be by pumping from: _____
(sump, offset well, channel, reservoir, etc)

Pump discharge rate: _____ ☐ cfs or ☐ gpd Horsepower: _____ Pump Efficiency: _____

c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (pipe or channel)	MATERIAL (type of pipe or channel lining; indicate if pipe is buried or not)	CROSS-SECTION (pipe diameter, or ditch depth and top and bottom width) (inches or feet)	LENGTH (feet)	TOTAL LIFT OR FALL		CAPACITY (cfs, gpd or gpm)
				feet	+ or -	
	NA					

☐ *See Attachment No.* ___

d. Storage reservoirs: (For underground storage, complete and attach form APP-UGSTOR)

RESERVOIR NAME OR NUMBER	DAM				RESERVOIR		
	Vertical height from downstream toe of slope to spillway level (feet	Construction material	Length (feet)	Freeboard: dam height above spillway crest (feet)	Surface area when full (acres)	Capacity (acre-feet)	Maximum water depth (feet)
Cole	19.0	earth	432	7.0	6.6	47.6	21.0

☐ *See Attachment No.* ___

e. Outlet pipe: Complete for storage reservoirs having a capacity of 10 acre-feet or more.

RESERVOIR NAME OR NUMBER	OUTLET PIPE				
	Diameter (inches)	Length (feet)	Fall: vertical distance between entrance and exit of outlet pipe (feet)	Head: vertical distance from spillway to entrance of outlet pipe (feet)	Dead Storage: storage below entrance of outlet pipe (acre-feet)
COLE	Not completed - capped				

☐ *See Attachment No.* ___

f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to off-stream storage will be -0- cfs. Diversion to offstream storage will be made by: ☐ Pumping ☐ Gravity

3. CONSERVATION AND MONITORING

a. What methods will you use to conserve water? Explain. _____
Aquatic and Reservoir weed control continue practices

b. How will you monitor your diversion to be sure you are within the limits of your water right and you are not wasting water? ☐ Weir ☐ Meter ☒ Periodic sampling ☐ Other (describe) _____

4. RIGHT OF ACCESS

a. Does the applicant own all the land where the water will be diverted, transported and used? ☒ YES ☐ NO
If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.

b. List the names and mailing addresses of all affected landowners and state what steps are being taken to obtain access: no landowners will be affected creek flow will be the same as the last 20+ years

☐ *See Attachment No.* ___

5. EXISTING WATER RIGHTS AND RELATED FILINGS

a. Do you claim an existing right for the use of all or part of the water sought by this application? ☒ YES ☐ NO
If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☒ Permit ☒ License
☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify) _____

b. For each existing right claimed, state the source, year of first use, purpose, season and location of the point of diversion (to within quarter-quarter section). Include number of registration, permit, license, or statement of

water diversion and use, if applicable.

Source - Big Humbug Creek
1st use - in the 1970's
use for Stockwatering and Recreation continue
Section 2 NW¼ of SW¼

Current use by new owner - 1990

c. List any related applications, registrations, permits, or licenses located in the proposed place of use or that utilize the same point(s) of diversion.

☐ *See Attachment No.* ___

6. OTHER SOURCES OF WATER

Are you presently using, or do you intend to use, purchased water or water supplied by contract in connection with this project? ☐ Yes ☒ No If yes, please explain:

7. MAP REQUIREMENTS

The Division cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section and quarter/quarter section of (1) the proposed points of diversion and (2) the place of use. A copy of a U.S.G.S. quadrangle/topographic map of your project area is preferred, and can be obtained from sporting goods stores or through the Internet at http://topomaps.usgs.gov. A certified engineering map is required when (1) appropriating more than three cfs by direct diversion, (2) constructing a dam which will be under the jurisdiction of the Division of Safety of Dams, (3) creating a reservoir with a surface area in excess of ten acres or (4) appropriating more than 1000 acre-feet per annum by underground storage. See the instruction booklet for more information.

☐ *See Attachment No.* 1

SECTION C: ENVIRONMENTAL INFORMATION

Note: Before a water right permit may be issued for your project, the State Water Resources Control Board (SWRCB) must consider the information contained in an environmental document prepared in compliance with the California Environmental Quality Act (CEQA). This form is not a CEQA document. If a CEQA document has not yet been prepared for your project, a determination must be made of who is responsible for its preparation. If the SWRCB is determined to be responsible for preparing the CEQA document, the applicant will be required to pay all costs associated with the environmental evaluation and preparation of the required documents. Please answer the following questions to the best of your ability and submit with this application any studies that have been conducted regarding the environmental evaluation of your project.

1. COUNTY PERMITS

a. Contact your county planning or public works department and provide the following information:

Person contacted: Mike Laird Date of contact: 08-23-04
Department: Community Development Telephone: (209) 533-5633
County Zoning Designation: AE - 37
Are any county permits required for your project? ☐ YES ☒ NO If YES, check appropriate box below:
☐ Grading permit ☐ Use permit ☐ Watercourse ☐ Obstruction permit ☐ Change of zoning
☐ General plan change ☐ Other (explain):

b. Have you obtained any of the required permits described above? ☐ YES ☒ NO
If YES, provide a complete copy of each permit obtained.
☐ *See Attachment No.* ___

2. STATE/FEDERAL PERMITS AND REQUIREMENTS

a. Check any additional state or federal permits required for your project:
☐ Federal Energy Regulatory Commission ☐ U.S. Forest Service ☐ U.S. Bureau of Land Management
☐ U.S. Corps of Engineers ☐ U.S. Natural Res. Conservation Service ☐ Calif. Dept. of Fish and Game
☐ State Lands Commission ☐ Calif. Dept. of Water Resources (Div. of Safety of Dams)
☐ Calif. Coastal Commission ☐ State Reclamation Board ☐ Other (specify)

b. For each agency from which a permit is required, provide the following information:

AGENCY	PERMIT TYPE	PERSON(S) CONTACTED	CONTACT DATE	TELEPHONE NO.

☐ *See Attachment No.* ___

c. Does your proposed project involve any construction or grading-related activity that has significantly altered or would significantly alter the bed, bank, or riparian habitat of any stream or lake? ☐ YES ☒ NO
If YES, explain: _____

☐ *See Attachment No.* ___

d. Have you contacted the California Department of Fish and Game concerning your project? ☒ YES ☐ NO
If YES, name and telephone number of contact: Gary Hobgood 916/983-6920
Attachment No. 2

3. ENVIRONMENTAL DOCUMENTS

a. Has any California public agency prepared an environmental document for your project? ☐ YES ☒ NO

c. If YES, submit a copy of the latest environmental document(s) prepared, including a copy of the notice of determination adopted by the California public agency. Public agency: _____

d. If NO, check the appropriate box and explain below, if necessary:
☐ The applicant is a California public agency and will be preparing the environmental document.*
☒ I expect that the SWRCB will be preparing the environmental document.** if required
☐ I expect that a California public agency other than the State Water Resources Control Board will be preparing the environmental document.* Public agency: _____
☐ *See Attachment No.* ___

* Note: When completed, submit a copy of the final environmental document (including notice of determination) or notice of exemption to the SWRCB, Division of Water Rights. Processing of your application cannot proceed until these documents are submitted.

** Note: CEQA requires that the SWRCB, as Lead Agency, prepare the environmental document. The information contained in the environmental document must be developed by the applicant and at the applicant's expense under the direction of the SWRCB, Division of Water Rights.

4. WASTE/WASTEWATER

a. Will your project, during construction or operation, (1) generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentation?
☐ YES ☒ NO
If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Control Board for the following information (See instruction booklet for address and telephone no.):

☐ *See Attachment No.* ___

b. Will a waste discharge permit be required for your project? ☐ YES ☐ NO
Person contacted: _____ Date of contact: _____

c. What method of treatment and disposal will be used? _____

☐ *See Attachment No.* ___

5. ARCHEOLOGY

a. Have any archeological reports been prepared on this project? ☐ YES ☒ NO

b. Will you be preparing an archeological report to satisfy another public agency? ☐ YES ☒ NO

c. Do you know of any archeological or historic sites located within the general project area? ☐ YES ☒ NO
If YES, explain: _____
None in Section 2

☐ *See Attachment No.* ___

6. ENVIRONMENTAL SETTING

Attach **three complete sets of color photographs**, clearly dated and labeled, showing the vegetation that exists at the following three locations:
☒ Along the stream channel immediately downstream from the proposed point(s) of diversion.
☒ Along the stream channel immediately upstream from the proposed point(s) of diversion.
☒ At the place(s) where the water is to be used.
☐ *See Attachment No.* ___

SECTION D: SUBMITTAL FEES

Calculate your application filing fee using the "Water Right Fee Schedule Summary" that was enclosed in the application packet. The "Water Right Fee Schedule Summary" can also be viewed at the Division of Water Rights' website (www.waterrights.ca.gov).

A check for the application filing fee, payable to the "Division of Water Rights" and an $850 check for the Streamflow Protection Standards review fee [Pub. Resources Code § 10005(a)], payable to the "California Department of Fish and Game," must accompany this application. All applicable fees are required at the time of filing. Your application will be returned to you if it is not accompanied by all required fees.

SECTION E: DECLARATION AND SIGNATURE

I declare under penalty of perjury that all information provided is true and correct to the best of my knowledge and belief. I authorize my agent, if I have designated one above, to act on my behalf regarding this water right application.

Signature of Applicant	Title or Relationship	Date
Steve W. Steers	AGENT	9/10/04
Signature of Co-Applicant (if any)	Title or Relationship	Date

"APPLICATION TO APPROPRIATE WATER" CHECKLIST

Before you submit your application, be sure to:

- ☐ **Answer each question completely in Sections A, B, and C.**
- ☐ **Number and include all necessary attachments.**
- ☐ **Include a legible map that meets the requirements discussed in the instruction booklet (Item B6).**
- ☐ **Include the Water Availability Analysis or sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation (Item A6).**
- ☐ **Include three complete sets of color photographs of the project site (Item C6).**
- ☐ **Enclose a check for the required fee, payable to the Division of Water Rights, as specified in Section D.**
- ☐ **Enclose a $850 check for the Streamflow Protection Standards review fee, payable to the Department of Fish and Game, as specified in Section D.**
- ☐ **Sign and date the application in Section E.**

Send the original and one copy of the entire application to:

State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000

State of California
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento, CA 95812-2000
Info: (916) 341-5300, FAX: (916) 341-5400, Web: http://www.waterrights.ca.gov

2004 SEP 30 AM 10: 33

APPLICATION TO APPROPRIATE WATER BY PERMIT
ENVIRONMENTAL INFORMATION

(THIS IS NOT A CEQA DOCUMENT)

APPLICATION NO. 31545

The following information will aid in the environmental review of your application as required by the California Environmental Quality Act (CEQA). IN ORDER FOR YOUR APPLICATION TO BE ACCEPTED AS COMPLETED, ANSWERS TO THE QUESTIONS LISTED BELOW MUST BE COMPLETED TO THE BEST OF YOUR ABILITY. Failure to answer all questions may result in your application being returned to you, causing delays in processing. If you need more space, attach additional sheets. Additional information may be required from you to amplify further or clarify the information requested in this form.

PROJECT DESCRIPTION

1. Provide a description of your project, including but not limited to, type of construction activity, structures existing or to be built, area to be graded or excavated and project operation, including how the water will be used.

Application is being m ade only to obtain water rights to an existing reservoir
No construction, grading or excavtion will necessary or performed.
The existing reservoir will be used for stockwatering and recreation.

"The energy challenge facing California is real. Every California needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at http://www.swrcb.ca.gov".
Additional copies of this form and water right information can be obtained at www.waterrights.ca.gov.

GOVERNMENTAL REQUIREMENTS

Before a final decision can be made on your water right application, we must consider the information contained in an environmental document prepared in compliance with the requirements of CEQA. If an environmental document has been prepared, a determination must be made as to who is responsible for the preparation of the environmental document for your project. The following questions are designed to aid us in that determination.

2. Contact your county planning or public works department for the following information:

   a. Person contacted Mike Laird Date of contact 8-24-04

      Department Community Development Telephone (209) 533-5633

   b. Assessor's Parcel No. 066-010-3100

   c. County Zoning Designation AE 37 (Exclusive Ag Development -37AC)

   d. Are any county permits required for your project? NO

      If yes, check appropriate space below:

      _____ Grading Permit, _____ Use Permit, _____ Watercourse Obstruction Permit, _____ Change of Zoning, _____ General Plan Change, Other (explain):

      _____

      _____

      _____

   e. Have you obtained any of the required permits described above? NA

      If yes, provide a complete copy of each permit obtained.

3. Are any additional state or federal permits required for your project? NO (i.e., from Federal Energy Regulatory Commission, U.S. Forest Service, Bureau of Land Management, Soil Conservation Service, Department of Water Resources (Division of Safety of Dams), Reclamation Board, Coastal Commission, State Lands Commission, etc.) For each agency from which a permit is required provide the following information:

   Permit type _____

   Person (s) contacted _____ Agency _____

   Date of contact _____ Telephone ( ) _____

4. Has any public agency prepared an environmental document for any aspect of your project?

   Not to our knowledge

   If so, please submit a copy of the latest environmental document (s) prepared, including a copy of the notice of determination adopted by the public agency. If not, explain below whether you expect that a public agency other than the State Water Resources Control Board will be preparing

an environmental document for your application or whether the applicant, if it is a California public agency, will be preparing the environmental document for your project:

To our knowledge, no agency other than SWRCB, will be preparing an environmental document, if necessary

Note: When completed, please submit a copy of the final environmental document (including notice of determination) or notice of exemption to the State Water Resources Control Board. Processing of your application cannot proceed until such documents are submitted.

5. Will your project, during construction or operation, generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or cause erosion, turbidity or sedimentation? NO If so, explain: _____

If yes or you are unsure of your answer, contact your local Regional Water Quality Control Board for the following information (See attachment for address and telephone number):

Will a waste discharge permit be required for your project? NO

Person contacted _____ Date of contact _____

What method of treatment and disposal will be used? _____

6. Have any archeological reports been prepared on this project, or will you be preparing an archeological report to satisfy another public agency? NO

Do you know of any archeological or historic sites located within the general project area?

_____ If so, explain: No sites in S ection 2

ENVIRONMENTAL SETTING

7. Attach **THREE COMPLETE SETS** of color photographs, clearly dated and labeled, showing the vegetation currently existing at the following locations:
   a. Along the stream channel immediately downstream from the proposed point(s) of diversion

   b. Along the stream channel immediately upstream from the proposed point(s) of diversion

   c. At the place(s) where the water is to be used

   Note: It is very important that you submit no less than three complete sets of photographs as required above. If less than three sets are submitted, processing of your application will be delayed until you furnish the remaining sets.

8. From the list given below, mark or circle the general plant community types which best describe those which occur within you project area (Note: See footnote denoted by * under Question 11 below):

Tree Dominated Communities
- Subalpine Conifer
- Red Fir
- Lodgepole Pine
- Mixed Conifer
  - Sierran Mixed Conifer
  - White Fir
  - Klamath Mixed Conifer
- Douglas-Fir
- Jeffrey Pine
- Ponderosa Pine
- Eastside Pine
- Redwood
- Pinyon-Juniper
- Juniper
- Aspen
- Closed-Cone Pine-Cypress
- Montane Hardwood-Conifer
- Montane Hardwood
- *** Valley Foothill Hardwood
  - Blue Oak Woodland
  - Valley Oak Woodland
  - Coastal Oak Woodland
- Valley Foothill Hardwood-Conifer
  - Blue Oak-Digger Pine
- Eucalyptus
- Montane Riparian
- Valley Foothill Riparian
- Desert Riparian
- Palm Oasis
- Joshua Tree

Shrub Dominated Communities
- Alpine Dwarf-Shrub
- Low Sage
- Bitterbrush
- Sagebrush
- Montane Chaparral
- *** Mixed Chaparral
- Chamise-Redshank Chaparral
- Coastal Scrub
- Desert Succulent Shrub
- Desert Wash
- Desert Scrub
- Alkali Desert Scrub

Herbaceous Dominated Communities
- Annual Grassland
- *** Perennial Grassland
- Wet Meadow
- Fresh Emergent Wetland
- Saline Emergent Wetland
- *** Pasture

Aquatic Communities
- Riverine
- Lacustrine
- Estuarine
- *** Marine

Developed Communities
- Cropland
- Orchard-Vineyard
- Urban

Literature source: Mayer, K.E., and W.F. Laudenslayer, Jr., (eds). 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento. 166 pp. (Note: You may view a copy of this document at our public counter at the address given at the top of this form or you may purchase a copy by calling the California Department of Fish and Game, Wildlife Habitat Relationships (WHR) Program at (916) 324-3812).

9. Provide below an estimate of the type, number, and size (trunk/stem diameter at chest height) of trees and large shrubs that are planned to be removed or destroyed due to implementation of the proposed changes. Consider all aspects of your application, including changes in diversion structures, water distribution and use facilities, and changes in the place of use due to additional water development.

NO chnages of any typw will be made to the existing reservoir or the immediat environs.

FISH AND WILDLIFE CONCERNS

10. Identify the typical species of fish which occur in the source(s) from which you propose to divert water and discuss whether or not any of these fish species or their habitat has been or would be affected by your proposed changes. (Note: See footnote denoted by * under Question 11 below):

Bass and Blue gill will i n no way be affected

11. Identify the typical species of riparian and terrestrial wildlife in the project area and discuss whether or not any of these species and/or their habitat has been or would be affected by your project through construction of water diversion and distribution works and/or changes in the place of water use. (Note: See footnote denoted by * below):

No changes will be made to the existing reservoir.
Wildlfe will not be affected in a ny way.

*Note: The purposes of Question 10 and 11 are to provide a preliminary assessment of the presence of typical plant and animal species in the area and whether these species might be affected by your project. Detailed site surveys to quantify populations of specific species or determine the presence of rare or endangered species may be required at a later date. It is very important that you answer these questions accurately. If you are unable to obtain appropriate answers from your local California Department of Fish and Game biologists (See attachment for address and telephone number) or you do not have adequate information or expertise to complete your answers, you should hire a fishery consultant and/or a wildlife consultant to review your project and prepare suitable answers for you. For information on available qualified fishery or wildlife consultants near you, consult your local telephone directory yellow pages under Environmental and Ecological Services, or call the California Environmental Protection Agency, Registered Environmental Assessor (REA) Program, at (916) 324-6881 or the University of California, Cooperative Extension Service (See your local telephone directory white pages).

12. Does your proposed project involve any construction or grading-related activity which has significantly altered or would significantly alter the bed or bank of any stream or lake? NO
If so, explain:
Application is being made for water rights to an existing reservoir constructed approximately 20 years ago.

CERTIFICATION

I hereby certify that the statements I have furnished above and in the attached exhibits are complete to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge.

Date 9/10/04 Signature Stan W. Strew

Stan W. Strew, Agent

Attachment No. 2

TO: Kenneth L. Wagner
(Note: If you have already paid this bill, please disregard this notice.)

THE RESOURCES AGENCY

CALIFORNIA DEPARTMENT OF FISH AND GAME

NON-INDUSTRIAL TIMBER MANAGEMENT PLAN INFORMATION SHEET

PURPOSE OF FORM: This form documents the information needed by the Department of Fish and Game when submitting the Non-Industrial Timber Management Plan filing fees.

This fee is due upon receipt of an approved Non-Industrial Timber Management Plan. Before timber operations can start, a copy of this form along with a remittance to the Department of Fish and Game in the amount of $850.00 is to be submitted, or hand delivered to:

Department of Fish and Game
Attention: FASB, Control Accounts, 12th Floor
1416 Ninth Street
Sacramento, CA 95814
(916) 739-4693

Refeence: Big Humbug Creek

DATE: August 15, 2000

NON-INDUSTRIAL TIMBER MANAGEMENT PLAN NUMBER: N-4-00-3

NAME OF SUBMITTER:

Kenneth L. Wagner
P O Box 1031
Groveland, CA 95321

If there are any questions regarding this fee, contact Mr. George Martin, DFG, Audits Branch Division, at (916) 323-1685.

NOTE: This fee is payable within 30 days of the approval date of the Non-Industrial Timber Management Plan. A 10 percent charge may be assessed for late payment.

NOTE: The filing fee is not to be submitted to the Department of Forestry and Fire Protection.

NOTE: There are no filing fees for exemptions or emergency notices.

PGC/JDM

Wagner Family Trust
Stan W. Strew, Agent
POB 1301
Groveland CA 95321

May 27, 2008

State Water Resources Control Board
Division of Water Rights
1001 I Street 14th Floor
Sacramento CA 95814

Attention: Jennifer Dick-McFadden
Re: 1260(K)

Dear Jennifer,

Attached is our response to the requirements of 1260(K).
We secured the services of an independent consultant to conduct a survey of the property and water availability. After your review, please advise us of your OK and/or comment.

Your help and patience are much appreciated.

Yours Truly,

Stan W. Strew

Stan W. Strew, Agent

Sent UPS Mail

Introduction

As is required by section1260(k) of the California Water Code, we have conducted a hydrologic assessment of the watershed draining into the pond, longitude N37 52.972' ,latitude W120 11.739', (AKA Cole reservoir) on Big Humbug Creek, on our property in Tuolumne County. The purpose of the assessment was to evaluate the availability of unappropriated water. Following is a summary of this assessment.

Methods

Water availability was estimated per:
"Suggested Methodology for a 1260(k) Analysis" (Appendix).
The following equation was used:

$$Q_E = Q_I - Q_O$$

Where Q_E is the estimated available surface water, Q_I is the estimated runoff, and Q_O is the maximum reservoir storage. The value of Q_I is the estimated product A C P where A is the area of the watershed in acres, C is a runoff coefficient determined from watershed characteristics, and P is the average annual precipitation in feet.

Our drainage basin was delineated using USGS topographic maps to analyze all related watershed area associated with the property (see Figure 1). The drainage consists of an approximate 960 acre area draining into the main pond on the Wagner Family Trust property (node A).

To determine the run off coefficient © four watershed characteristics were considered: Topography, Soil Saturation, Vegetal Cover and Surface water (see "Attachment for 1260(k) Analysis Runoff Coefficient "C" for Undeveloped Areas" in the Appendix). The soils over the majority of drainage were consistent and varied little. The topography is generally slopping with a few small level meadow areas. The remaining characteristics, Vegetal Cover and Surface water were found to be consistent throughout all of the watershed. This was determined with the help of USGS aerial photographs from WAC Corp., Eugene, OR and ground inspection.

The average annual precipitation value, 37.40 inches/year (3.12 feet/year) was taken from yearly precipitation data collected at the CDEC Stockton-Groveland R.S. gauging station, (see Appendix).

According to the California Division of Water Rights Query tool (WRMIS) five water rights applications exist currently for locations within the watershed. (Appendix – WRMIS applications.) The application for Katherine Graham (application #A018757A) is inactive and was not used in the availability calculation. Pine Mountain Lake Association (application #A020885C) on the south end of Humbug Creek with a maximum storage of 9 acre feet. The Wagner Family Trust (application #A020885B) on the Big Humbug Creek at Longitude N37 52.749 Latitude W120 11.060 , with a maximum storage of 12 acre feet. Charles Yoneda (application #A018757B) after visual inspection is out side of the drainage area, and was not used in calculation. Gregory Carr (application #A018757C) is down stream of the Wagner Family Trust pond with a maximum storage of 0.1 acre.

Results

Calculations for estimated inflow:

$Q_I = ACP$
$A = 960$ Acres
$C = 0.5$
$P = 3.12$ ft/yr

$$960 \times 0.5 \times 3.12 = 1497.60 \text{ acre ft/yr} = Q_I$$

Q_O = Sum of the maximum reservoir storage.

	Acre ft.
A020885C	9.0
A020885B	12.0
A018757C	0.1
	(21.1) = 1475.9 acre ft. per year

Conclusions

The results of the calculations for estimated surface water show Q_E = 1475.9 acre ft/per year is available for filling the Wagner Family Trust pond AKA Cole Reservoir at 47.6 acre feet.

References

California Department of Water Resources,
http://cdec.water.ca.gov/

California Water Resources Control Board
http://watterrights.ca.gov/

APPENDIX

ATTACHMENT A
Suggested Methodology for a 1260(k) Analysis

Precipitation Data Site Map

Precipitation Data and Calculations

Water Rights Applications Map

Water Rights Application Records
WRIMS GIS

Runoff Coefficient "C" Calculation

ATTACHMENT A
Item No. 6, Water Availability in Application to Appropriate Water

SUGGESTED METHODOLOGY FOR A 1260(K) ANALYSIS

The contents of an application to appropriate water are identified in section 1260 of the California Water Code. Eleven criteria are specified in the code, the last of which, section 1260(k), requires a demonstration that there is a reasonable likelihood that unappropriated water is available for the proposed appropriation. Historically, the Division of Water Rights (Division) accepted and processed applications with only minimal information regarding the availability of water, such as observations of seasonal flow conditions. Recent changes in Division practices now require the applicant to perform a more rigorous evaluation of the potential water availability to address the requirements of Water Code, section 1260(k).

Any applicant seeking to appropriate water has two alternatives for addressing the requirements of Water Code section 1260(k): 1) contract with a consultant to perform the analysis, or 2) perform an in-house analysis. An applicant may use the following procedure for an in-house analysis.

The premise for an in-house, 1260(k) analysis is a simple water balance methodology where available surface water can be estimated by evaluating the inflow to the watershed, less the outflow from the watershed, or:

$$Q_E = Q_I - Q_O$$

Where:

E = Estimated reasonable likelihood that unappropriated water is available for the proposed appropriation;

I = Surface water flow into the watershed considering the area, characteristics, and precipitation in the watershed; and

O = Water outflow from the watershed as defined by existing water rights on record at the Division.

Inflow to the watershed may be estimated using the following equation:

$$Q_I = A\ C\ P$$

Where:

Q_I = Surface water flow into the project watershed in acre-feet per year;

A = Area of the watershed in acres;

C = Runoff coefficient (no units) as taken from the attached table; and

P = Average annual precipitation in feet per year.

The surface area of the watershed, where the project is proposed or located, should be determined using a U. S. Geologic Survey (USGS) topographic map. The applicant should consider upstream and downstream tributaries to the surface water source for the project when evaluating the area of the watershed. USGS topographic maps are available for viewing at the Division.

A runoff coefficient can be assigned to the project watershed based the type of watershed characteristics (topography, soil saturation, vegetal cover, and surface water), each of which has been assigned a range of values. The range of values is subdivided based on watershed type, as provided in the table. The selected values for each watershed characteristic must be summed to determine the runoff coefficient for the project watershed.

The precipitation for the project watershed should be determined using average annual rainfall as taken from an appropriate gauging station(s). Rainfall data may be obtained off the Internet at: http://cdec.water.ca.gov/snow_rain.html. Precipitation data is typically estimated using data from the gauging station closest to the project area.

Outflow to the watershed may be quantified by determining the flow of water previously dedicated to or taken by existing water right holders. This may be accomplished in one of three ways:

1. Identify the existing downstream water right holders by the application number on USGS topographic maps at the Division. Determine the quantity assigned to each application by viewing the case files of those applications identified on the maps;

2. Identify the existing downstream water right holders by the application number and the quantity of water taken by these applicants using the Division's on-line database through the Water Rights Query Tool, which can be found at: http://www.waterrights.ca.gov/; or

3. Make a hydro-report request of Division staff to determine the number and the amount of water taken by existing water right holders. This service costs $250 per hour, and the typical hydro-report usually takes one hour to prepare. A hydro-report request form can be obtained by contacting Cathy Nease at (916) 322-8465.

The value derived from the watershed inflow/outflow calculation, as described above, provides an estimate of the amount of water potentially available for appropriation. If the estimated available water (Q_E) is a positive value, the applicant should assume there is a reasonable likelihood that unappropriated water is available for appropriation; and the applicant's in-house analysis should be included in the application as an amendment for Item No. 6. If the estimated available water (Q_E) is a negative value, which suggests water is unavailable for appropriation, the applicant could revise the in-house analysis or could contact a consultant to perform the 1260(k) analysis.

Attachment for 1260(k) Analysis
Runoff Coefficient "C" for Undeveloped Areas

Watershed Characteristics	Watershed Types			
	Extreme	High	Normal	Low
Topography	0.28 – 0.35 Steep, rugged terrain with average slopes above 30%	0.20 – 0.28 Hilly, with average slopes of 10 to 30%	0.14 – 0.20 Rolling with average slopes of 5 to 10%	0.08 – 0.14 Relatively flat land, with average slopes of 0 to 5%
Soil Saturation	0.12 – 0.16 No effective soil cover; either rock or thin soil mantle of negligible infiltration capacity	0.08 – 0.12 Slow uptake of water; clay or loam soil of low infiltration capacity; imperfectly or poorly drained	0.06 – 0.08 Normal; well-drained, high or medium-textured soils, sandy loams, silt and silty loams	0.04 – 0.06 High; deep sand or other soil that takes up water readily, very high level drained soils
Vegetal Cover	0.12 – 0.16 No effective plant cover, bare, or very sparse cover	0.08 – 0.12 Poor to fair; clean cultivation crops, or poor natural cover, less than 20% of drainage area over good cover	0.06 – 0.08 Fair to good; about 50% of area in grassland or woodland, not more than 50% of area in cultivated crops	0.04 – 0.06 Good to excellent; about 90% of drainage area in grassland, woodland or with equivalent cover
Surface Water	0.10 – 0.12 Negligible surface depression few and shallow; drainage ways steep and small, no marshes	0.08 – 0.10 Low; very well defined system of drainage ways; no ponds or marshes	0.06 – 0.08 Normal; considerable surface depression storage, lakes and pond marshes	0.04 – 0.06 High; surface storage high; drainage system not sharply defined, large floodplain storage or large number of pond marshes

The runoff coefficient "C" for a project in an undeveloped area may be identified as the sum of values given to specific characteristics of the watershed. To determine "C," select a value from the range of values assigned to the watershed type for each characteristic, and add the selected values.

Example: The characteristics of the watershed consist of:

1) Hilly terrain with average slope of 15%, (topography) = 0.25
2) Well-drained gravelly loams, (soil saturation) = 0.11
3) Planted with grapes, and (vegetal cover) = 0.07
4) Low, well-defined drainage (surface water) = 0.09

Total = 0.52

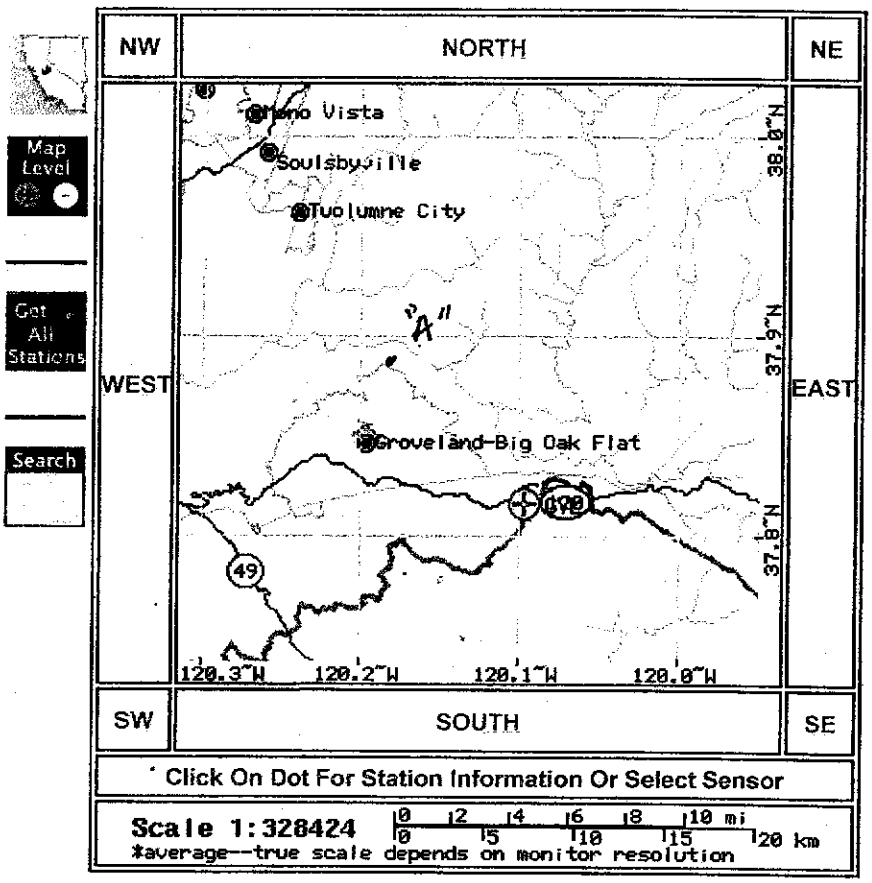
The runoff coefficient for the example watershed is 0.52.

Source: California Department of Transportation, *Highway Design Manual*, July1, 1995, pp. 810-816.

Department of Water Resources
California Data Exchange Center

CDEC Station Locator - GROVELAND R S *(GVL)*

Located at elevation 3145 feet in the TUOLUMNE R basin. Latitude 37.817, Longitude -120.1.



Station:

Other stations in the area:

BKM - BUCK MEADOWS
DUC - DUDLEY RANCH BELOW COULTERVILLE
MCN - MOCCASIN
TLS - TUOLUMNE R NEAR LUMSDEN CAMPGROUND

Station ID - GVL
Lattitude 37.8170N Longatude 120.0000W
Operator - USFS

DATE	RAIN INCHES	DATE	INCHES	DATE	INCHES	DATE	INCHES
Jan-97	18.23	Jan-00	13.63	Jan-03	1.13	Jan-06	8.01
Feb-97	0.76	Feb-00	14.4	Feb-03	2.3	Feb-06	4.04
Mar-97	0.16	Mar-00	3.64	Mar-03	2.85	Mar-06	10.48
Apr-97	0.55	Apr-00	3.76	Apr-03	6.33	Apr-06	11.12
May-97	0.31	May-00	1.83	May-03	1.95 e	May-06	1.89
Jun-97	0.38	Jun-00	0.87	Jun-03	0	Jun-06	0
Jul-97	0.06	Jul-00	0	Jul-03	0.23	Jul-06	0
Aug-97	0	Aug-00	0.03	Aug-03	2.22	Aug-06	0 t
Sep-97	0.19	Sep-00	0.63	Sep-03	0	Sep-06	0.15
Oct-97	0.92	Oct-00	4.12	Oct-03	0	Oct-06	1.89
Nov-97	3.89	Nov-00	0.95	Nov-03	4.24	Nov-06	2.33
Dec-97	4.37	Dec-00	1.02	Dec-03	10.87	Dec-06	1.65
Jan-98	12.89	Jan-01	6.99	Jan-04	3.56	Jan-07	1.67
Feb-98	16.54	Feb-01	6.8	Feb-04	8.19	Feb-07	6.84
Mar-98	7.62	Mar-01	3.78	Mar-04	1.79	Mar-07	0.95
Apr-98	5.48	Apr-01	4.47	Apr-04	0.1	Apr-07	2.32
May-98	5.14	May-01	0	May-04	0.75	May-07	0.84
Jun-98	1.9	Jun-01	0	Jun-04	0	Jun-07	0
Jul-98	0	Jul-01	0.04	Jul-04	0	Jul-07	0.02 r
Aug-98	0	Aug-01	0	Aug-04	0	Aug-07	0
Sep-98	1.74	Sep-01	0.45	Sep-04	--	Sep-07	0.26
Oct-98	0.29	Oct-01	1.38 r	Oct-04	9.9	Oct-07	1.62
Nov-98	3.79	Nov-01	6.25	Nov-04	2.79	Nov-07	0.69
Dec-98	2.78	Dec-01	9.36	Dec-04	7.43	Dec-07	4.9
Jan-99	7.6	Jan-02	3.28 r	Jan-05	13.16	Jan-08	11.61
Feb-99	9.84	Feb-02	2.3	Feb-05	6.36	Feb-08	7.43
Mar-99	1.94	Mar-02	4.6	Mar-05	9.16	Mar-08	0.55
Apr-99	3.58	Apr-02	1.17	Apr-05	2.3	Apr-08	0.12
May-99	0.77	May-02	1.22	May-05	3.93	May-08	--
Jun-99	0.72	Jun-02	0.01	Jun-05	0.14		
Jul-99	0	Jul-02	0	Jul-05	0		
Aug-99	0.03	Aug-02	0	Aug-05	0.1		
Sep-99	0	Sep-02	0.13	Sep-05	1.06		
Oct-99	0.48	Oct-02	0	Oct-05	1.13		
Nov-99	3.43	Nov-02	5.84	Nov-05	1.49		
Dec-99	0.32	Dec-02	10.33	Dec-05	14.25		

			inches	feet
1997	29.82	Average/yr	37.40	3.12
1998	58.17			
1999	28.71			
2000	44.88			
2001	39.52			
2002	28.88			
2003	32.12			
2004	34.51			
2005	53.08			
2006	41.56			
2007	20.11			

Source:eWRIMS GIS

Date: 23 May 2008

POD_ID	41143
APPL_ID	A020885C
APPL_POD	A020885C_01
TOWNSHIP_NUMBER	1
TOWNSHIP_DIRECTION	S
RANGE_NUMBER	16
RANGE_DIRECTION	E
SECTION	12
SECTION_CLASSIFIER	
QUARTER	SW
QUARTER_QUARTER	NW
MERIDIAN	Mount Diablo
NORTHING	2138000.315
EASTING	6655469.671
SP_ZONE	3
LATITUDE	37.86612416
LONGITUDE	-120.1750469
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates with WRIMS Database
SOURCE_NAME	UNST
Has_OPOD	N
WATERSHED	TUOLUMNE RIVER
COUNTY	Tuolumne
WELL_NUMBER	
QUAD_MAP_NAME	GROVELAND
QUAD_MAP_NUM	I 059
QUAD_MAP_MIN_SER	7.5
PARCEL_NUMBER	
DIVERSION_SITE_NAME	
LAST_UPDATE_DATE	9/29/2007 6:14
LAST_UPDATE_USER_ID	9
DIVERSION_STORAGE_AMOUNT	14
DIVERSION_AC_FT	0
PLACE_ID	697746
POD_STATUS	Active
DIVERSION_TYPE	Direct Diversion
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
WR_STATUS	Licensed
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	
PRIMARY_OWNER_LAST_NAME	PINE MOUNTAIN LAKE ASSOCIATION
PRIMARY_OWNER_TYPE	Organization/Association

Source:eWRIMS GIS

Date: 23 May 2008

POD_ID	12426
APPL_ID	A020885B
APPL_POD	A020885B_01
TOWNSHIP_NUMBER	1
TOWNSHIP_DIRECTION	S
RANGE_NUMBER	16
RANGE_DIRECTION	E
SECTION	11
SECTION_CLASSIFIER	
QUARTER	NE
QUARTER_QUARTER	NE
MERIDIAN	Mount Diablo
NORTHING	2140200.345
EASTING	6654069.703
SP_ZONE	3
LATITUDE	37.87217929
LONGITUDE	-120.1798706
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates with WRIMS Database
SOURCE_NAME	BIG HUMBUG CREEK
Has_OPOD	N
WATERSHED	TUOLUMNE RIVER
COUNTY	Tuolumne
WELL_NUMBER	
QUAD_MAP_NAME	GROVELAND
QUAD_MAP_NUM	I 059
QUAD_MAP_MIN_SER	7.5
PARCEL_NUMBER	
DIVERSION_SITE_NAME	
LAST_UPDATE_DATE	9/29/2007 6:14
LAST_UPDATE_USER_ID	9
DIVERSION_STORAGE_AMOUNT	12
DIVERSION_AC_FT	0
PLACE_ID	671694
POD_STATUS	Active
DIVERSION_TYPE	Storage
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
WR_STATUS	Licensed
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	
PRIMARY_OWNER_LAST_NAME	WAGNER FAMILY TRUST
PRIMARY_OWNER_TYPE	Individual

Source:eWRIMS GIS

Date: 23 May 2008

A018757B_01

POD_ID	20058
APPL_ID	A018757B
APPL_POD	A018757B_01
TOWNSHIP_NUMBER	1
TOWNSHIP_DIRECTION	S
RANGE_NUMBER	16
RANGE_DIRECTION	E
SECTION	12
SECTION_CLASSIFIER	
QUARTER	NE
QUARTER_QUARTER	NW
MERIDIAN	Mount Diablo
NORTHING	2140450.255
EASTING	6658069.71
SP_ZONE	3
LATITUDE	37.87282723
LONGITUDE	-120.1660096
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates with WRIMS Database
SOURCE_NAME	UNST
Has_OPOD	N
WATERSHED	TUOLUMNE RIVER
COUNTY	Tuolumne
WELL_NUMBER	
QUAD_MAP_NAME	GROVELAND
QUAD_MAP_NUM	I 059
QUAD_MAP_MIN_SER	7.5
PARCEL_NUMBER	
DIVERSION_SITE_NAME	
LAST_UPDATE_DATE	9/29/2007 6:14
LAST_UPDATE_USER_ID	9
DIVERSION_STORAGE_AMOUNT	0.7
DIVERSION_AC_FT	0
PLACE_ID	679326
POD_STATUS	Active
DIVERSION_TYPE	Storage
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
WR_STATUS	Licensed
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	CHARLES
PRIMARY_OWNER_LAST_NAME	YONEDA
PRIMARY_OWNER_TYPE	Individual

Source:eWRIMS GIS

Date: 23 May 2008

A018757A_01	
POD_ID	6067
APPL_ID	A018757A
APPL_POD	A018757A_01
TOWNSHIP_NUMBER	1
TOWNSHIP_DIRECTION	S
RANGE_NUMBER	16
RANGE_DIRECTION	E
SECTION	2
SECTION_CLASSIFIER	
QUARTER	SE
QUARTER_QUARTER	NW
MERIDIAN	Mount Diablo
NORTHING	2143950.375
EASTING	6652619.758
SP_ZONE	3
LATITUDE	37.8824914
LONGITUDE	-120.1848501
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates with WRIMS Database
SOURCE_NAME	UNST
Has_OPOD	N
WATERSHED	TUOLUMNE RIVER
COUNTY	Tuolumne
WELL_NUMBER	
QUAD_MAP_NAME	TUOLUMNE
QUAD_MAP_NUM	I 023
QUAD_MAP_MIN_SER	7.5
PARCEL_NUMBER	
DIVERSION_SITE_NAME	
LAST_UPDATE_DATE	9/29/2007 6:14
LAST_UPDATE_USER_ID	9
DIVERSION_STORAGE_AMOUNT	0.2
DIVERSION_AC_FT	0
PLACE_ID	660843
POD_STATUS	Inactive
DIVERSION_TYPE	Storage
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
WR_STATUS	Inactive
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	KATHERINE
PRIMARY_OWNER_LAST_NAME	GRAHAM
PRIMARY_OWNER_TYPE	Individual

Source:eWRIMS GIS

Date: 23 May 2008

A018757C_01

POD_ID	11922
APPL_ID	A018757C
APPL_POD	A018757C_01
TOWNSHIP_NUMBER	1
TOWNSHIP_DIRECTION	S
RANGE_NUMBER	16
RANGE_DIRECTION	E
SECTION	3
SECTION_CLASSIFIER	
QUARTER	NE
QUARTER_QUARTER	SE
MERIDIAN	Mount Diablo
NORTHING	2144800.452
EASTING	6649169.769
SP_ZONE	3
LATITUDE	37.88485724
LONGITUDE	-120.1967946
TRIB_DESC	
Location_Method	Location Derived from State Plane Coordinates with WRIMS Database
SOURCE_NAME	UNST
Has_OPOD	N
WATERSHED	TUOLUMNE RIVER
COUNTY	Tuolumne
WELL_NUMBER	
QUAD_MAP_NAME	TUOLUMNE
QUAD_MAP_NUM	I 023
QUAD_MAP_MIN_SER	7.5
PARCEL_NUMBER	
DIVERSION_SITE_NAME	
LAST_UPDATE_DATE	9/29/2007 6:14
LAST_UPDATE_USER_ID	9
DIVERSION_STORAGE_AMOUNT	0.1
DIVERSION_AC_FT	0
PLACE_ID	671190
POD_STATUS	Active
DIVERSION_TYPE	Storage
DIVERSION_CODE_TYPE	Diversion point
WATER_RIGHT_TYPE	Appropriative
WR_STATUS	Licensed
STORAGE_TYPE	Diversion point
PRIMARY_OWNER_FIRST_NAME	GREGORY
PRIMARY_OWNER_LAST_NAME	CARR
PRIMARY_OWNER_TYPE	Individual

Runoff Coefficient "C" Calculation

Topography	High	0.20 - 0.28	0.26
Soil Saturation	High	0.08 - 0.12	0.1
Vegetal Cover	Low	0.04 - 0.06	0.05
Surface Water	High	0.08 - 0.10	0.09
			0.5

Values from 1260(k) Analysis Attachment "A"